Iaromir Vodzianovskii

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Nationality	Russian
Date of birth	06.08.2000

Education

09/18 - 08/22	**Moscow Institute of Physics and Technology, undergraduate student**
	Department of Physical and Quantum Electronics, Bachelor of Science
	Applied Mathematics and Physics
	GPA : 7.26 / 10
	Courses:

- Mathematics: Calculus, Linear algebra, Differential equations, Computational Mathematics
- General physics (lectures, seminars, lab work)
- Other: Non-organic chemistry, Vacuum electronics, Computer Science

Work experience

07/20- 01/21	**Internship in MIPT Laboratory of neurocomputer systems**

Scanning doped (Si) single crystals of $PbTiO_3$ by PFM and AFM on Ntegra. The general task was to get topography of domain structure and determine the effect of impurities on it.
Supervisor: Anastasia Chouprik (Senior Researcher, PhD)

Additional training

04/21	**Mathematics and Python for Data Analysis course on Coursera**
	Mathematics and basic statistics, data visualization in python
10/19	**MIPT deep learning course on Stepik**
	Theory and practice of deep learning (neural networks)
	Python 3 (pandas, pytorch, numpy, matplotlib)

Honors & Awards

06/19	Prize-winner of student science Arctic case competition. Arkhangelsk, Russia
	Topic : Ice scanning by a drone with high frequency radar
03/18	Prize-winner of the final stage of the « PHYSTECH» olympiad in physics
02/18	Prize-winner of the regional stage of the All-Russian olympiad in physics

Qualifications & Skills

COMPUTER SKILLS	- LaTeX system
	- Html & css basics
	- Python (pandas, numpy, matplotlib, pytorch, Django) applying for counting and approximation, experimental data processing
	- My git https://github.com/yarvod
LAB SKILLS	- AFM, PFM

Hobbies & Extra - curricular activities

HOBBIES	- Creating music and sound design in Logic Pro and Ableton
	- Playing the guitar
	- Mind games
EXTRA - CURRICULAR ACTIVITIES	Institute's events volunteering:
	- Organisational assistance with 'Physics day' (Full-scale annual festival of scientific, recreational and sporting events)
	- Organisation of the « PHYSTECH» 2020 olympiad in physics and mathematics.